






**ENERGY MANAGEMENT SCORECARD
DEPARTMENT OF AGRICULTURE**

	CURRENT STATUS (As of January 1, 2007) ¹		PROGRESS	COMMENTS	
ENERGY MANAGEMENT Senior Energy Official: Boyd K. Rutherford Lead DOE Analyst: Brad Gustafson Lead OMB Analysts: Cyndi Vallina and Rob Sandoli	 Green ↑↑	<ul style="list-style-type: none">• 2005 reduction in energy intensity in standard buildings compared with 1985: <u>30.6%</u>• Reduction in energy intensity in EPACT goal-subject facilities compared with 2003: <u>X</u> 2 percent and on track for 20 percent by 2015 <u>9.8% in 2006</u> (G) ___ 1 percent ___ (Y)• Use of renewable energy as a percent of facility electricity use: <u>X</u> 2.5 percent <u>4.7% in 2006</u> (G) ___ 2.0 percent ___ (Y)• Metering plan to meter energy use in 100 percent of appropriate facilities by 2012: <u>X</u> On track in implementing plan <u>2006</u> (G) <u>X</u> Plan approved by DOE <u>2006</u> (Y)• Percent of new building designs begun in FY 2007 that are 30 percent more energy efficient than relevant code: <u>NA</u> 100 percent _(date)_(G) <u>NA</u> 50 percent _(date)_(Y)	 Green	<p><u>Actions taken since January 1, 2007:</u></p> <ul style="list-style-type: none">• USDA's land-holding agencies have submitted their agency level metering plans as required. The four agencies also conducted infrastructure surveys of existing meters.• Reviewed all capital projects included in the current USDA three year rolling timeline to determine if they meet the criteria for inclusion in the metering plan.• Purchased 25,300 MWH of renewable energy credits from the Defense Energy Support Center to meet the FY 07 renewable energy requirement.• Reviewed all capital projects in the three year rolling timeline and submitted list of six that are new building designs begun in FY 2007. <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none">• Update USDA regulation on facilities energy and water use to incorporate requirements of EO 13423 and related Council on Environmental Quality and Department of Energy guidance.• Establish, as part of the organizational structure of the USDA Sustainable Operations Council, a departmental working group to provide recommendations to the Council on EO 13423 implementation.• Finalize USDA Sustainable Buildings/High Performance Plan to conform to OMB guidance issued June 29, 2007.• Develop USDA FY 2007 water goal baseline data.• Develop a USDA long-range (to 2015) Strategic Implementation Plan.• Submit to DOE a 2007 water consumption baseline as required.• Submit FY07 energy data report.	<ul style="list-style-type: none">• USDA Progress remains Green as it completed all planned actions for the last 6 months.• USDA is showing investment in energy efficiency of \$1 million in FY 2006, 1.3% of its facility energy costs.

¹ Status will be updated once annually (Jan 1) to reflect performance data collected at the end of each fiscal year. Progress will be assessed twice annually (Jan and July). Quantitative standards for success for Yellow and Green will increase each year in accordance with requirements of Executive Order 13123 or the 2005 Energy Policy Act.

ENERGY MANAGEMENT STANDARDS FOR SUCCESS

		
<p>Agency:</p> <ul style="list-style-type: none"> • Has reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 2 percent compared with 2003 and is on track for 20 percent reduction by 2015. • Uses at least 2.5 percent renewable energy as a percentage of facility electricity use. • Has a metering plan approved by OMB and DOE and is on track in implementing the plan to meter energy use in 100 percent of appropriate facilities by 2012. • Demonstrates that 100 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 1 percent compared with 2003. • Uses at least 2.0 percent renewable energy to power facilities and equipment. • Has a metering plan approved by OMB and DOE to meter energy use in 100 percent of appropriate facilities by 2012. • Demonstrates that at least 50 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has not yet reduced energy intensity (Btu/GSF) in EPACT goal-subject facilities by 1 percent compared with 2003. • Does not use at least 2.0 percent renewable energy to power facilities and equipment. • Does not have a metering plan approved by OMB and DOE to meter energy use in 100 percent of appropriate facilities by 2012. Plan must have follow DOE guidance and contain action items and milestones. • Cannot demonstrate that at least 50 percent of new building designs beginning October 1, 2006, are 30 percent more efficient than the 2004 International Energy Conservation Code (residential buildings) or the ASHRAE Standard 90.1-2004 (non-residential buildings), if life-cycle cost effective.